Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
SOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
1	KSRRB 300 - **Excavation for road, drains and similar works** KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
	Kempegowda garden Main Road RHS								
	CH 0.00 to 25.00m	Cum	1	25.00	0.90			0.90	20.25
	Ch 25.00 to 55.00m		1	30.00	0.90			0.90	24.30
	Ch 55.00 to 85.00m		1	30.00	0.90			0.90	24.30
	Ch 85.00 to 115.00m		1	30.00	0.90			0.90	24.30
	Ch 115.00 to 145.00m		1	30.00	0.90			0.90	24.30
	Ch 145.00 to 149.80m		1	4.80	0.90			0.90	3.89
	Kempegowda garden Main Road LHS				0.90				
	CH 0.00 to 25.00m		1	25.00	0.90			0.90	20.25
	Ch 25.00 to 55.00m		1	30.00	0.90			0.90	24.30
	Ch 55.00 to 85.00m		1	30.00	0.90			0.90	24.30
	Ch 85.00 to 115.00m		1	30.00	0.90			0.90	24.30
									214.49
					Qty Limited to				**157.30**
2	KSRB 4-1.2 : Providing and laying in **position plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	Kempegowda garden Main Road RHS								
	CH 0.00 to 25.00m	Cum	1	25.00	0.90			0.10	2.25
	Ch 25.00 to 55.00m		1	30.00	0.90			0.10	2.70
	Ch 55.00 to 85.00m		1	30.00	0.90			0.10	2.70
	Ch 85.00 to 115.00m		1	30.00	0.90			0.10	2.70
	Ch 115.00 to 145.00m		1	30.00	0.90			0.10	2.70
	Ch 145.00 to 149.80m		1	4.80	0.90			0.10	0.43
	Kempegowda garden Main Road LHS								
	CH 0.00 to 25.00m		1	25.00	0.90			0.10	2.25
	Ch 25.00 to 55.00m		1	30.00	0.90			0.10	2.70
	Ch 55.00 to 85.00m		1	30.00	0.90			0.10	2.70
	Ch 85.00 to 115.00m		1	30.00	0.90			0.10	2.70
									23.83
					Qty Limited to				**21.45**

Exceed/SW 13/5/22 to 15/5/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

Exceed/SW 16/5/22 to 18/5/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
OB Code:-	012-20-000112
Work Order No	EE/DD/W.O/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurements	

1st & Final - MEASUREMENT SHEET

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
3	KSRRB M2200-5.12. **Design mix M25** with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregates @ 0.47cum. with superplasisser @3lts confirming to IS9103-1999 Reaffirmed-2008 - i) Upto 5m height								
	Kempegowda garden **Main Road RHS**								
	Btm Slab	**Cum**							
	CH 0.00 to 25.00m		1	25.00	0.90			0.15	3.38
	Ch 25.00 to 55.00m		1	30.00	0.90			0.15	4.05
	Ch 55.00 to 85.00m		1	30.00	0.90			0.15	4.05
	Ch 85.00 to 115.00m		1	30.00	0.90			0.15	4.05
	Ch 115.00 to 145.00m		1	30.00	0.90			0.15	4.05
	Ch 145.00 to 149.80m		1	4.80	0.90			0.15	0.65
	Kempegowda garden **Main Road LHS**								
	CH 0.00 to 25.00m		1	25.00	0.90			0.15	3.38
	Ch 25.00 to 55.00m		1	30.00	0.90			0.15	4.05
	Ch 55.00 to 85.00m		1	30.00	0.90			0.15	4.05
	Ch 85.00 to 115.00m		1	30.00	0.90			0.15	4.05
	Walls								
	CH 0.00 to 25.00m		2	25.00	0.15			0.60	4.50
	Ch 25.00 to 55.00m		2	30.00	0.15			0.60	5.40
	Ch 55.00 to 85.00m		2	30.00	0.15			0.60	5.40
	Ch 85.00 to 115.00m		2	30.00	0.15			0.60	5.40
	Ch 115.00 to 145.00m		2	30.00	0.15			0.60	5.40
	Ch 145.00 to 149.80m		2	4.80	0.15			0.60	0.86
	Kempegowda garden **Main Road LHS**								
	CH 0.00 to 25.00m		2	25.00	0.15			0.60	4.50
	Ch 25.00 to 55.00m		2	30.00	0.15			0.60	5.40
	Ch 55.00 to 85.00m		2	30.00	0.15			0.60	5.40
	Ch 85.00 to 115.00m		2	30.00	0.15			0.60	5.40
									83.41
				Qty Limited to					**82.22**
4	KSRB 4.9.2 : Providing **T.M.T steel** reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500								
		MT	**NO**	**Ler**	**T Ler**				
	RHS		751	2.40	1802.40			0.62	1117.49
	U Bars		12	150.00	1800.00			0.62	1116.00
	Dis		576	2.40	1382.40			0.62	857.09
	LHS		12	85.00	1020.00			0.62	632.40
	U Bars								**3722.98**
				Qty Limited to					**3.70**

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಜಾಲಹಳ್ಳಿ, ಬೆಂಗಳೂರು.

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಜಾಲಹಳ್ಳಿ, ಬೆಂಗಳೂರು.

Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
SOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
5	Providing and fixing precast reinforced cement concrete **covering slabs of 10cm thick** made out of M25 with OPC cement @340kgs per cum, 20mm and down size graded granite metal corse aggregtes @ 0.70cm and fine aggregates @ 0.74 cum with super plasticizers, machine mixed, incldng providing and removing centering,shuttering strutting propping etc., for edges of slab with TMT steel (Fe500) cost & reinforcement charges incldng finishing as required with cost of reinforcement etc., complete as directed by engineer incharge of the work								
	Cover Slab								
	Kempegowda garden Main Road RHS								
	CH 0.00 to 25.00m	Sqm	1	25.00	0.90				22.50
	Ch 25.00 to 55.00m		1	30.00	0.90				27.00
	Ch 55.00 to 85.00m		1	30.00	0.90				27.00
	Ch 85.00 to 115.00m		1	30.00	0.90				27.00
	Ch 115.00 to 145.00m		1	30.00	0.90				27.00
	Ch 145.00 to 149.80m		1	4.80	0.90				4.32
	Kempegowda garden Main Road LHS								
	CH 0.00 to 25.00m		1	25.00	0.90				22.50
	Ch 25.00 to 55.00m		1	30.00	0.90				27.00
	Ch 55.00 to 85.00m		1	30.00	0.90				27.00
	Ch 85.00 to 115.00m		1	30.00	0.90				27.00
									238.32
					Qty Limited to				**186.30**

EXECUTIVE ENGINEER Bruhat Bengaluru Mahanagara Palike Dasarahalli Division

Accepted 8/6/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
6	KSRRB 300-45. **Scarifying** stone metal crust 50mm to 100mm thick with pick axes along with premix carpet / surface dressing and stacking of old serviceable materials by manual means including cost of all labour charges complete as per specifications. MORTH / Chapter 3								
	1st Main Road From SWD								
	CH 0.00 to 25.00m	Cum	1	25.00	7.00	6.30	6.65	0.20	33.25
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.20	42.45
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.20	39.00
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.20	41.10
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.20	42.30
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.20	6.62
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.20	31.50
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.20	30.30
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.20	27.83
									294.35
					Qty Limited to				**284.20**

Accepted 4/6/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
SOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
7	KSRRB M300-14. **Excavation for roadwork** in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting with a lead of 1.00Km and complete as per specifications. MORTH Specification No.301								
	Kempegowda garden Main Road								
	CH 0.00 to 25.00m	Cum	1	25.00	7.00	6.30	6.65	0.30	49.88
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.30	63.68
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.30	58.50
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.30	61.65
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.30	63.45
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.30	9.94
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.30	47.25
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.30	45.45
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.30	41.75
	Road Cutting Portion								
	CH 0.00 to 25.00m		1	25.00	1.00			0.45	11.25
	Ch 25.00 to 55.00m		1	30.00	1.00			0.45	13.50
	Ch 55.00 to 85.00m		1	30.00	1.00			0.45	13.50
	Ch 85.00 to 115.00m		1	30.00	1.00			0.45	13.50
	Ch 115.00 to 145.00m		1	30.00	1.00			0.45	13.50
	Ch 145.00 to 149.80m		1	4.80	1.00			0.45	2.16
	Ch 149.80 to 179.80m		1	30.00	1.00			0.45	13.50
	Ch 179.80 to 209.80m		1	30.00	1.00			0.45	13.50
	Ch 209.80 to 234.00m		1	24.20	1.00			0.45	10.89
									546.83
		Qty Limited to							**546.70**
8	Construction of **granular sub-base Graading-V as sub-base** and drainage layer by providing Coarse graded Crushed stone aggregates of granite/trap/basalt material, mixing by mix in a machanical mix plant at OMC, carring of mixed materials to work site, spreading in uniform layers with motor grader on a praped surface compacting with vibratory roller to achieve the 98% proctor density, complete as per specifications Clause 401 of MORTH V Revision								
	Kempegowda garden Main Road								
	Road Cutting Portion								
	CH 0.00 to 25.00m	Cum	1	25.00	1.00			0.35	8.75
	Ch 25.00 to 55.00m		1	30.00	1.00			0.35	10.50
	Ch 55.00 to 85.00m		1	30.00	1.00			0.35	10.50
	Ch 85.00 to 115.00m		1	30.00	1.00			0.35	10.50
	Ch 115.00 to 145.00m		1	30.00	1.00			0.35	10.50
	Ch 145.00 to 149.80m		1	4.80	1.00			0.35	1.68
	Ch 149.80 to 179.80m		1	30.00	1.00			0.35	10.50
	Ch 179.80 to 209.80m		1	30.00	1.00			0.35	10.50
	Ch 209.80 to 234.00m		1	24.20	1.00			0.35	8.47

Executed 6/6/22 TP 2/6/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
JOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
	Full Road Portion								
	Kempegowda garden Main								
	CH 0.00 to 25.00m		1	25.00	7.00	6.30	6.65	0.15	24.94
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.15	31.84
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.15	29.25
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.15	30.83
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.15	31.73
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.15	4.97
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.15	23.63
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.15	22.73
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.15	20.87
									302.87
		Qty Limited to							294.35

Exceed 16/12 TO 12/12/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

9	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406								
	Kempegowda garden Main Road								
	CH 0.00 to 25.00m	**Cum**	1	25.00	7.00	6.30	6.65	0.23	38.24
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.23	48.82
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.23	44.85
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.23	47.27
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.23	48.65
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.23	7.62
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.23	36.23
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.23	34.85
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.23	32.00
									338.51
		Qty Limited to							319.73

Exceed 20/12 TO 22/12/22

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

10	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502								
	Kempegowda garden Main Road								
	CH 0.00 to 25.00m	**Sqm**	1	25.00	7.00	6.30	6.65		166.25
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08		212.25
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50		195.00
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85		205.50
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05		211.50
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90		33.12
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25		157.50

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

Name of Work :-	**Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division**
JOB Code:-	**012-20-000112**
Work Order No	**EE/DD/W.0/25/2020-21 Date 28.06.2021**
AS No:-	**EE/DD/AS/180/2020-21, Dt.02.12.2020**
TS No:-	**SE/DZ/TS/105/2020-21, Dt 02.12.2020**
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05		151.50
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75		139.15
									1471.77
		Qty Limited to							**1421.00**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ

11	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.								
	Kempegowda garden Main Road								
	CH 0.00 to 25.00m	**Sqm**	1	25.00	7.00	6.30	6.65		166.25
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08		212.25
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50		195.00
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85		205.50
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05		211.50
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90		33.12
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25		157.50
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05		151.50
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75		139.15
									1471.77
		Qty Limited to							**1421.00**

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12	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen								
	Kempegowda garden Main Road								
	CH 0.00 to 25.00m	**Cum**	1	25.00	7.00	6.30	6.65	0.05	8.31
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.05	10.61
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.05	9.75
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.05	10.28
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.05	10.58
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.05	1.66
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.05	7.88
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.05	7.58
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.05	6.96
									73.59
		Qty Limited to							**71.05**

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Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
JOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width W1	Width W2	Avg Width (W1+W2)/2	Depth	Qty
	1st & Final - MEASUREMENT SHEET								
13	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 100/120 TPH capacity H.M.P. with sensor paver Gr-I (50 to 65 mm) with 5.5 % VG-30 Bitumen								
	Kempegowda garden Main								
	CH 0.00 to 25.00m	Cum	1	25.00	7.00	6.30	6.65	0.03	4.99
	Ch 25.00 to 55.00m		1	30.00	7.75	6.40	7.08	0.03	6.37
	Ch 55.00 to 85.00m		1	30.00	6.40	6.60	6.50	0.03	5.85
	Ch 85.00 to 115.00m		1	30.00	6.60	7.10	6.85	0.03	6.17
	Ch 115.00 to 145.00m		1	30.00	7.10	7.00	7.05	0.03	6.35
	Ch 145.00 to 149.80m		1	4.80	7.00	6.80	6.90	0.03	0.99
	Ch 149.80 to 179.80m		1	30.00	5.60	4.90	5.25	0.03	4.73
	Ch 179.80 to 209.80m		1	30.00	4.90	5.20	5.05	0.03	4.55
	Ch 209.80 to 234.00m		1	24.20	5.20	6.30	5.75	0.03	4.17
									44.15
					Qty Limited to				**42.63**
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.								
	148/.45=329 X2 Sides	No	2	329.00					658.00
	Cross roads		-3	14.00					-42.00
									616.00
					Qty Limited to				**451.00**
15	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8								
		Sqm	2	234.00				0.25	117.00
									117.00
					Qty Limited to				**91.35**
16	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803								
	Kempegowda garden **Main Road**								0.00
	CH 0.00 to 25.00m	Sqm	2.5	25.00				0.15	9.38
	Ch 25.00 to 55.00m		2.5	30.00				0.15	11.25
	Ch 55.00 to 85.00m		2.5	30.00				0.15	11.25

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division Bangalore-57

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Name of Work :-	Improvements to roads and foothpath at Kempegowda garden and Abbigere Village in Ward No 12 Shettyhalli sub division
JOB Code:-	012-20-000112
Work Order No	EE/DD/W.0/25/2020-21 Date 28.06.2021
AS No:-	EE/DD/AS/180/2020-21, Dt.02.12.2020
TS No:-	SE/DZ/TS/105/2020-21, Dt 02.12.2020
Date Of Measurenents	

Sl No	Description	Unit	No	Length	Width		Avg Width (W1+W2)/2	Depth	Qty
					W1	W2			
	1st & Final - MEASUREMENT SHEET								
	Ch 85.00 to 115.00m		2.5	30.00				0.15	11.25
	Ch 115.00 to 145.00m		2.5	30.00				0.15	11.25
	Ch 145.00 to 149.80m		2.5	4.80				0.15	1.80
	Ch 149.80 to 179.80m		2.5	30.00				0.15	11.25
	Ch 179.80 to 209.80m		2.5	30.00				0.15	11.25
	Ch 209.80 to 234.00m		2.5	24.20				0.15	9.08
									87.75
		Qty Limited to							**76.13**

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Assistant Engineer	Assistant Executive Engineer	Executive Engineer
Ward No 12	Shetty Halli Sub Division	Dasarahalli Division